HUNTON ANDREWS KURTH LLP 1 J. TOM BOER (State Bar No. 199563) 2 SAMUEL L. BROWN (State Bar No. 283995) 50 California Street, Suite 1700 3 San Francisco, California 94111 Telephone: 415 • 975 • 3700 4 Facsimile: 415 • 975 • 3701 5 OFFICE OF CITY ATTORNEY DENNIS HERRERA 6 CITY AND COUNTY OF SAN FRANCISCO JOHN RODDY (State Bar No. 96848) 7 ESTIE KUS (State Bar No. 239523) 8 San Francisco, California 9 Telephone: 415 • 554 • 3986 Facsimile: 415 • 554 • 8793

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SUPERIOR COURT OF THE STATE OF CALIFORNIA IN AND FOR THE COUNTY OF ALAMEDA

CITY AND COUNTY OF SAN FRANCISCO,

Attorneys for Petitioner,

Petitioner,

CITY AND COUNTY OF SAN FRANCISCO

VS.

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THE SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

Respondent.

Case No.: RG19042575

FIRST AMENDED PETITION FOR WRIT OF ADMINISTRATIVE MANDATE (Code of Civ. Proc., §1094.5), COMPLAINT FOR DECLARATORY RELIEF (Code of Civ. Proc. § 1060).

ASSIGNED FOR ALL PURPOSES TO: JUDGE FRANK ROESCH DEPARTMENT: 17

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Petitioner City and County of San Francisco ("San Francisco") brings this Petition for Writ of Mandate and Complaint for Declaratory relief and alleges upon information and belief, unless otherwise specified, as follows:

I. INTRODUCTION

- This matter concerns the severe procedural and legal deficiencies in connection with the issuance of a required permit for San Francisco's operation of its Oceanside Water Pollution Control Plant, Wastewater Collection System, and Westside Recycled Water Project ("Westside Facilities"). San Francisco brings this action pursuant to California Code of Civil Procedure ("CCP") §§ 1060 and 1094.5 to (i) achieve certainty over the effective date of the relevant permit and (ii) challenge certain permit terms approved by the San Francisco Bay Regional Water Quality Control Board ("Regional Board") without, or in excess of its jurisdiction, and in a manner amounting to a prejudicial abuse of discretion.
- The Westside Facilities are authorized to operate via a permit jointly issued by the U.S. 2. Environmental Protection Agency ("EPA"), pursuant to the federal National Pollutant Discharge Elimination System ("NPDES") program under the federal Clean Water Act ("CWA"), and the Regional Board, pursuant to the Waste Discharge Requirements ("WDRs") program under the state Porter-Cologne Water Quality Control Act. The permit subject to this action is jointly identified as Order No. R2-2019-0028 and NPDES No. CA0037681 (the "2019 Permit"). A copy of the 2019 Permit is attached to this Petition and Complaint as Exhibit 1.
- 3. San Francisco is caught in the cross-fire between EPA and the Regional Board due to their failure to agree upon a uniform effective date for the jointly issued permit. This matter, therefore, arises from the Regional Board's insistence that the 2019 Permit was effective as of November 1, 2019, whereas EPA – the joint-permitting authority – takes the position that the 2019 Permit will not be effective until four months later, on February 1, 2020.
- This petition seeks certainty and clarity as to the effective date of the 2019 Permit and, therefore, asks for a declaration, pursuant to CCP §§ 1060 and 1094.5, from this Court that the 2019 Permit is not effective until EPA's effective date of February 1, 2020 (or later, to the extent a petition

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for permit review is filed with the EPA Environmental Appeals Board ("EAB") results in a federal stay of the permit).

- This Petition also arises from San Francisco's objection to specific provisions -5. Sections V, G.I.I.1, VI.C.5.d., and VI.C.5.a.ii.b – that were considered, approved, and then included in the 2019 Permit in a manner by the Regional Board that (i) failed to proceed in a manner required by law, (ii) imposed terms not supported by the findings, and (iii) relied upon findings not supported by the evidence. Further, in incorporating these objectionable terms in the 2019 Permit, the Regional Board has failed to provide fair notice to San Francisco regarding how compliance with these terms can be achieved and failed to respond to significant comments made regarding these terms during the relevant public comment period. These procedural deficiencies violate the Due Process Clause of the U.S. Constitution, State law, and the Clean Water Act ("CWA").
- San Francisco objected to the permit terms subject to this action, and challenged the 6. Regional Board's lack of fair notice and failure to respond to comments, via the appropriate administrative process by petitioning to the State Water Resources Control Board ("State Board") for review. Despite the substantial consequences of allowing the challenged terms to go into effect, the State Board summarily denied the petition on November 22, 2019. This petition for writ of mandate challenging the Regional Board's adoption of the challenged terms in the 2019 Permit is appropriate. Water Code § 13330(b).
- San Francisco hereby petitions this Court for an administrative writ of mandate 7. pursuant to CCP § 1094.5 directing Respondent Regional Board to set aside the challenged 2019 Permit Terms - specifically Sections V, G.I.I.1, VI.C.5.d., and VI.C.5.a.ii.b - or in the alternative, remand the challenged terms of 2019 Permit, because the Regional Board abused its discretion in adopting these terms. CCP §§ 1094.5(b), (f).

II. **PARTIES**

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- Petitioner is the City and County of San Francisco. San Francisco is the entity that operates the Westside Facilities and will be regulated by all of the terms included the 2019 Permit absent the relief requested in this action. San Francisco also is the party that pursued an administrative appeal of the 2019 Permit before the State Board. Absent relief from this Court, San Francisco will be subject to substantial legal uncertainty, risk, and confusion due to the lack of clarity over the effective date of the 2019 Permit and will be required to comply with permit terms that are contrary to law or otherwise adopted by the Regional Board in a manner that abused its discretion.
- Respondent Regional Board is an agency of the State of California that prepared the 9. 2019 Permit jointly with EPA, whose authorized members voted to approve the 2019 Permit on September 11, 2019, and whose Executive Officer takes the position that the effective date of some or all of the terms in 2019 Permit is and remains November 1, 2019 despite the explicit permit terms and EPA's position to the contrary. The Regional Board abused its discretion by voting to approve the 2019 Permit with those terms challenged by this action.

III. JURISDICTION AND VENUE

- This Court has jurisdiction to issue writs of administrative mandate pursuant to CCP § 10. 1094.5 and Water Code § 13330, and declaratory relief pursuant to CCP § 1060.
- Venue is proper in this Court because the parties stipulated to change the venue from 11. San Francisco Superior Court, where the injury and cause of action arose, to Alameda Superior Court. The Honorable Ethan P. Shulman of San Francisco Superior Court signed an Order on Stipulation to Change Venue on November 5, 2019, which was filed with this Court the same day. The change in venue is authorized by Water Code § 13361(b) and CCP § 394(a).
- San Francisco has a clear, present, and beneficial right to the performance of the duty 12. by the Regional Board to declare the 2019 Permit not effective as of November 1, 2019, and for the 2019 Permit to have a single effective date in accord with EPA. Because the Regional Board and EPA must issue the 2019 Permit jointly, and because EPA has identified an effective date of February 1, 2020, the effective date of the 2019 Permit cannot be until February 1, 2020 at the earliest. Due to

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the conflicting effective dates selected by State and federal regulators, San Francisco has no remedy that will provide relief to avoid significant harm in time other than administrative mandate and/or declaratory relief from this Court.

- San Francisco has a clear, present, and beneficial right to have this Court invalidate or 13. remand Sections V, G.I.I.1, VI.C.5.d, and VI.C.5.a.ii.b of the 2019 Permit because the imposition of these permit terms by the Regional Board was an abuse of discretion and the challenged terms are contrary to law and/or are not supported by the weight of the evidence.
 - San Francisco has no other plain, speedy, and adequate remedy at law. 14.
- San Francisco has exhausted all available administrative remedies by going through all 15. of the feasible stages of the administrative review process under applicable state law. There are no further administrative review remedies that San Francisco can seek to challenge the Regional Board's adoption of the 2019 Permit at this time or the Regional Board's continued insistence that the effective date of the permit is November 1, 2019.
- Water Code § 13330(b) allows an aggrieved party to obtain review of the order of the 16. Regional Board in Superior Court by filing a petition for writ of mandate not later than 30 days from the date on which the state board denied review. The State Board denied review of San Francisco's Petition on November 15, 2019. Thus, San Francisco is seeking this Court's review of the Regional Board's issuance of the 2019 Permit. Immediate action from this Court, pursuant to Water Code § 13330(b) and CCP § 1094.5 is now necessary to resolve the irreconcilable dispute between the State and federal government and to ensure the permit does not include provisions that are contrary to the relevant facts, regulations and policies.

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IV. BACKGROUND OF THE WESTSIDE FACILITIES

The Westside Facilities handle wastewater from hundreds of thousands of San 17. Francisco residents spread across the entire western portion of the City as depicted in the pink shaded area labeled "Westside Drainage Systems" in this figure:



- The Westside Facilities are a combined sewer system. A combined sewer system is a 18. wastewater collection system owned by a municipality that is specifically designed to collect and convey sanitary wastewater (domestic sewage from homes as well as industrial and commercial wastewater) and stormwater through a single pipe.
- 19. During rainfall or other precipitation events, combined sewer systems are designed to first treat the combined stormwater and sewage at a treatment plant before discharging to surface waters. In large enough precipitation events, when the system capacity is exceeded, the system is designed and permitted to overflow to surface waters via specifically constructed and permitted outfalls. These discharges are referred to as Combined Sewer Discharges ("CSDs"). The Regional Board has confirmed this description of the operation of a sewer system in its May 4, 2017, San Francisco Bay Basin Water Quality Control Plan ("Basin Plan") as follows: "During periods of heavy rainfall, large pulses of water enter sewerage systems. When these pulses exceed the collection treatment, or disposal capacity of a sewerage system, overflows occur."

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- The Westside Facilities were designed and constructed by San Francisco with sufficient 20. capacity to capture and treat combined wastewater and storm water during storms to limit CSDs to a long-term average of eight per year, based on historical rainfall data. The development of the combined sewer system involves a long history, most recently articulated in San Francisco's Wastewater Long Term Control Plan Synthesis, which identifies and explains the various documents that make up San Francisco's long-term control plan ("LTCP") consistent with EPA's Combined Sewer Overflow Control Policy ("CSO Control Policy"), 59 Fed. Reg, 18,688 (April 19, 1994), discussed in more detail below.
- All combined sewer systems, including San Francisco's, are governed by the EPA's 21. CSO Control Policy, which contains, in part, requirements for developing appropriate, site-specific NPDES permits for combined sewer systems. Congress codified the CSO Control Policy via amendment of the CWA. See CWA § 402(q).
- The CSO Control Policy represents a comprehensive national strategy to ensure that 22. municipalities, permitting authorities, water quality standards authorities and the public engage in a comprehensive and coordinated planning effort to achieve cost-effective CSO controls that ultimately meet appropriate health and environmental objectives and requirements. 59 Fed. Reg. at 18,689. Notably, the CSO Control Policy "recognizes the site-specific nature of CSOs and their impacts and provides the necessary flexibility to tailor controls to local situations." *Id.*
- The watershed drained by the Westside Facilities is largely paved or consists of other 23. hard surfaces. As a result, rain has no place to go other than San Francisco's combined sewer system before being discharged to the Bay or Ocean.
- Routing stormwater to the combined sewer system and, ultimately, a treatment plant 24. when possible, serves an important environmental purpose because of the street pollutants that wash into the sewer system during storm events. When it rains, motor oil, pesticides, metals, and other street litter can flow into the sewer system. Because San Francisco operates a combined sewer system, the City is able to treat a higher percentage of stormwater flows than many other municipalities that operate separate sanitary and stormwater systems. The benefits of San Francisco's system include

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cleaner discharges to the Pacific Ocean from the Westside Facilities. The combined system allows San Francisco to annually capture and treat billions of gallons of stormwater via disinfection and secondary or primary treatment before discharging to receiving waters (i.e., the Pacific Ocean).

- Combined sewer systems are used by municipalities across the United States. A 2004 25. report to Congress found that 746 communities in the United States operate combined sewer systems with a total of 9,348 combined sewer overflow outfalls regulated by 828 separate NPDES permits issued by EPA or pursuant to authority delegated to state agencies. Combined sewer systems are found in 32 states.
- San Francisco is the only coastal city in California that operates a combined sewer 26. system that collects and treats both wastewater and stormwater in the same network of pipes. It is also the only combined sewer system within the geographic jurisdiction of the SF Bay Regional Board.
- San Francisco was at the forefront in the United States of engineering and investing 27. resources in its combined sewer system to reduce wet weather discharges to the Pacific Ocean. San Francisco's efforts to comprehensively characterize wet weather sewer overflows and identify system improvements are described in the 1967 Characterization and Treatment of Combined Sewer Overflows Report ("SF CSO Report"). In the early 1970s, San Francisco developed its San Francisco Master Plan for Waste Water Management ("SF Master Plan") based on findings in the SF CSO Report. The SF Master Plan recommended an approach to minimize overflows by maximizing collection system capacity. The SF Master Plan predated the federal CSO Control Policy by almost 20 years. Nonetheless, the monitoring, modeling, and other analyses undertaken by San Francisco to develop the SF Master Plan, and to implement it, are consistent with the requirements later imposed on municipalities nationwide by EPA via the CSO Control Policy.
- The SF Master Plan developed control alternatives to reduce the average CSD 28. frequency from the Westside Facilities by an order of magnitude: from 82 annual CSDs to only 8 annual CSDs. After the Clean Water Act was passed in 1972, San Francisco modified the SF Master Plan in 1974 via an Environmental Impact Report ("EIR") and Environmental Impact Statement ("EIS") prepared by EPA under the National Environmental Policy Act. The development of the

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EIR/EIS was followed by a planning period that included extensive surveys of beach recreational use and monitoring and modeling to evaluate the relationship between receiving waters and wet weather discharges from the Westside Facilities. Subsequently, in 1975, San Francisco prepared an Overview Facilities Plan, which further developed plans for storm water and wastewater collection, transport, and treatment facilities.

- In 1975, the Regional Board adopted its first comprehensive Basin Plan for the San 29. Francisco Bay Region. The Basin Plan is the Regional Board's master water quality control planning document. It designates beneficial uses and water quality objectives for waters of the State, including surface waters and groundwater. It also includes programs of implementation to achieve water quality objectives. The Regional Board's Basin Plan is adopted and approved by the State Water Resources Control Board, U.S. EPA, and the California Office of Administrative Law.
- The Regional Board's adoption of its Basin Plan in 1975 prompted a series of 30. regulatory actions that required San Francisco to evaluate wet weather discharges from the Westside Facilities to the Pacific Ocean. San Francisco's fieldwork, information gathering, and assessments resulted in detailed analyses for control alternatives for those discharges, and was the basis for the State Board's adoption of Order No. 79-12. Based upon the record of information generated by San Francisco, Order No. 79-12 approved the current design of San Francisco's combined sewer system, including the setting of a long-term average discharge criteria of eight CSDs to the Pacific Ocean, per typical year, for the Westside Facilities.
- San Francisco designed and proceeded with constructing the existing Westside 31. Facilities to protect beneficial uses during wet weather events in compliance with, and reliance on Order No. 79-12. The State Board later amended Order No. 79-12 by adopting State Board Order No. 79-16, which granted an exception to the statewide Ocean Plan for planned CSDs from the Westside Facilities. In adopting Order No. 79-16, the State Board made a finding that the ultimate design of the Westside Facilities would *not* impair beneficial uses.
- Based on, and in reliance of the State Board approved design, and the exception to the 32. Ocean Plan authorized by Order No. 79-12, San Francisco began construction of the relevant

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components of the Westside Facilities in the early 1980s. Substantial infrastructure construction was completed by the mid-1980s, resulting in anticipated CSD reduction to the Pacific Ocean. The project was ultimately completed in the 1990s at a cost of nearly \$2 billion (in unadjusted dollars).

- The heart of the Westside Facilities is the Oceanside Treatment Plant, which provides 33. all weather wastewater collection and treatment of about 20% of San Francisco's total wastewater flows. On an average day, the Treatment Plant treats 17 million gallons per day of sewage; during rain events, the wet-weather treatment capacity is 65 million gallons per day. Wastewater routed through the treatment process at the Oceanside Treatment Plant, which includes removal of solids, flows out of the Treatment Plant (the "effluent") through a deep ocean outfall in the Pacific Ocean.
- The Oceanside Treatment Plant cannot operate without discharging effluent to the deep 34. ocean outfall. The design of San Francisco's wastewater collection system is such that the wastewater collected and received by the Oceanside Treatment Plant cannot be sent to any other treatment plant prior to discharge. In other words, there is no alternative to treat wastewater generated in the western portion of San Francisco other than to send it to the Oceanside Treatment Plant where the treated effluent must be discharged to the deepwater outfall.
- Since San Francisco completed construction of the relevant infrastructure for the 35. Westside Facilities consistent with State Board Order No. 79-12, it has implemented a postconstruction monitoring program consistent with the CSO Control Policy. Based on actual wet weather monitoring data, the current CSD frequency from the Westside Facilities is below the long-term average of eight CSDs, per typical year identified by Order No. 79-12. In addition, San Francisco uses a Hydrologic and Hydraulic ("H&H") Model, which simulates the performance of the combined sewer system in the Westside Facilities. The modeled frequency of CSDs in a typical year for the Westside Facilities, based on the H&H Model, is also below the long-term average of eight CSDs, per typical year, identified in Order No. WQ 79-16.
- San Francisco has also developed and calibrated a Receiving Water Quality Model ("RWO Model") to allow, in part, for evaluation of levels of bacteria in receiving waters (including the Pacific Ocean). The RWQ Model indicates that the current performance of the Westside Facilities

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results in enterococcus bacteria concentrations in the receiving waters (i.e., the Pacific Ocean) below 104 MPN/100mL for over 99% of the typical year. This further confirms that the Westside Facilities are operating as anticipated and in accord with long-standing permit conditions.

San Francisco's post-construction monitoring program continues to conclude that the 37. Westside Facilities are operating as designed and consistent with design and the requirements imposed by Order No. 79-12 and 79-16.

FACTURAL AND PROCEDURAL HISTORY

- Since 2009, the Westside Facilities have operated pursuant to Order No. R2-2009-0062 38. (the "2009 Permit"), which was jointly adopted by the Regional Board and EPA.
- Because the Oceanside Treatment Plant, which is at the heart of the Westside Facilities, 39. discharges to both state (shoreline Pacific Ocean) and federal (deep-water outfall) waters, any permit must be issued and signed jointly by the Regional Board and EPA. The 2009 Permit was approved and issued jointly by EPA and the Regional Board.
- In April of 2019, the EPA and the Regional Board made a proposed draft of the permit 40. intended to regulate the Westside Facilities available and issued a public notice and opportunity to comment. San Francisco submitted substantial written comments on the draft permit on May 20, 2019, which included objections to the permit terms subject to this action.
- Following the conclusion of the public comment period, the Regional Board held a 41. hearing on September 11, 2019, to receive further oral comments and consider approval of the permit. San Francisco appeared at the hearing and raised objections to the proposed permit, including on those issues subject to this action. At the September 11, 2019, hearing, representatives from EPA's regional office in San Francisco also testified that EPA supported the 2019 Permit.
- In reliance on EPA's representation of support for the 2019 Permit, and in disregard of 42. San Francisco's written and oral comments, the Regional Board voted to adopt Order No. R2-2019-028 (the "2019 Permit") on September 11, 2019, with a November 1, 2019 effective date. The 2019 Permit was intended to replace Order No. R2-2009-0062 (i.e., the 2009 Permit).
 - About a week after the Regional Board's action on the 2019 Permit, the Trump 43.

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Administration began to target San Francisco's combined sewer system in apparent furtherance of the president's national political objectives. For example, according to the Associated Press, on September 18, 2019, President Trump made a statement to reporters aboard Air Force One that included the following:

"We're looking at San Francisco and we're looking at Los Angeles, and we're looking at all of the things that are happening ... You know, there's tremendous pollution being put into the ocean because they're going through what's called the storm sewer that's for rainwater. And we have tremendous things that we don't have to discuss pouring into the ocean. You know there are needles, there are other things. It's a terrible situation that's in Los Angeles and in San Francisco ... And we're going to be giving San Francisco — they're in total violation — we're going to be giving them a notice very soon. ... You're going to see over the next, I would say, less than a week. EPA is going to be putting out a notice. They're in serious violation ... And this is environmental... and they have to clean it up. We can't have our cities going to hell."

- A week after President Trump's disparagement of San Francisco, on September 26, 44. EPA Administrator Wheeler issued a letter to Governor Gavin Newsom claiming that "EPA is concerned that California's implementation of federal environmental laws is failing to meet its obligations under delegated federal programs." The letter, continuing President Trump's earlier accusations and in apparent furtherance of the President's political objectives, singled-out San Francisco's combined sewer system with a number of mischaracterizations and inaccurate claims.
- On October 1, 2019, Michael Montgomery, Executive Officer of the Regional Board, 45. sent San Francisco a letter attaching a copy of the 2019 Permit adopted on September 11, 2019. As of that date, EPA had not adopted the 2019 Permit. The transmittal letter stated that the "requirements of the [Permit] are effective starting November 1, 2019." The copy of the 2019 Permit provided by Mr. Montgomery was signed on behalf of the Regional Board, but the accompanying signature block for Mr. Tomas Torres, Director of the Water Division of EPA Region 9 - the individual designated as the person that would sign the 2019 Permit on behalf of EPA – was blank.
- That same day, on October 1, 2019, twenty (20) days after the Regional Board public 46. hearing, the EPA still had not issued the 2019 Permit. According to the NPDES Memorandum of Agreement between the U.S. Environmental Protection Agency and the California State Board in 1989 (the "MOA"), Mr. Torres, as the Director of the Water Division of EPA Region 9, is the official

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designated by the MOA to address any delays in EPA's concurrence or issuance of permits in California.. As a result, on October 1, San Francisco sent a letter to Mr. Tomas Torres inquiring about the status of the permit and how and when the permit would ultimately be issued by EPA.

- On October 2, 2019, despite being the EPA official designated by the MOA as 47. responsible for addressing CWA permitting issues across California, Mr. Torres responded by leaving a voicemail that stated he was unable to give San Francisco any update on the timing for EPA's approval of the 2019 Permit. Instead, he suggested that San Francisco contact the Principal Deputy Assistant Administrator at the Office of Water at EPA Headquarters with any questions. This indicates that review and control related to finalization and issuance of the 2019 Permit had been pulled from the EPA Region 9 office in San Francisco and transferred to political appointees at EPA's Headquarters in Washington, DC.
- On October 3, 2019, Senators Feinstein and Harris sent a joint request to EPA's 48. Inspector General, asking for an investigation into whether the White House pressured EPA to abuse its law enforcement authority to single out California and, more specifically, the city of San Francisco. A press release issued jointly by the Senators included the following summary of EPA's actions: "Last Week, EPA Administrator Wheeler sent a letter to Governor Newsom alleging state water quality violations that contradict the agency's own findings. The letter was sent after President Trump inaccurately claimed that waste and needles from San Francisco's homeless were flowing into the ocean from storm sewers and that the city would soon be given a notice of violation." Ultimately, the Senators asked that the EPA Inspector General "investigate why EPA abruptly reversed course in Administrator Wheeler's letter and alleged water quality violations that are contradicted by the agency's own reasoned findings in recent permit approvals for San Francisco."
- While the uncertainty surrounding the effective date of the 2019 Permit continued, San 49. Francisco pursued the appropriate administrative remedies for challenging the substantive terms of the 2019 Permit. On October 11, 2019, San Francisco filed an administrative Petition for Review with the State Board. The Petition challenged the severe substantive defects with the terms included by Regional Board in the 2019 Permit – the same at issue in this action – and the procedural deficiencies

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with the Regional Board's process undertaken to adopt the 2019 Permit. A copy of the Petition for Review is attached as Exhibit 2.

- By October 11, when San Francisco filed the administrative petition for review, it had 50. become readily apparent that EPA was unlikely to approve and sign the 2019 Permit before the November 1, 2019 effective date claimed by the Regional Board. As a result, San Francisco also filed a Request for Stay with the State Board in an attempt to obtain clarity, maintain the status quo with respect to the permitting of its critical sewer operations, and prevent legal uncertainty. The stay request explained that San Francisco met the legal requirements for a stay under Title 23, section 2053 of the California Code of Regulations and that a stay was necessary to prevent substantial harm resulting from the legal uncertainty that would occur on November 1, 2019. San Francisco asked the State Board to hold a hearing on its request and to stay the 2019 Permit until the permit was also approved and issued by EPA. A copy of the Stay Request is attached as Exhibit 3.
- 51. On October 18, 2019, San Francisco wrote to the Regional Board and State Board to explain that there was no legal support for the position that the 2019 Permit can become effective without EPA's joint issuance, that there is a need for clear direction from the Regional Board on the effectiveness issue, and that San Francisco would welcome the opportunity to discuss its concerns. Although the Regional Board expressed a willingness to meet, it did not identify any dates to meet prior to November 1, 2019.
- On October 25, 2019, San Francisco wrote to the Regional Board and State Board 52. requesting issuance of a stay, or some other clear statement as to the lack of the effectiveness of the 2019 Permit absent EPA's approval and signature.
- Also on October 25, 2019, Michal Montgomery, the Executive Officer of the Regional 53. Board, sent a letter to Mr. Torres at EPA (the "October 25 Montgomery Letter"). The letter, in part, describes the cooperation between the Regional Board and EPA in writing a single permit for joint approval by the two agencies - the 2019 Permit - and the frustration experienced by the Regional Board staff with the lack of EPA action following the September 11 action by the Regional Board:
 - "... [W]e are concerned that U.S. EPA has not yet signed the Oceanside permit adopted on September 11, 2019. The Oceanside permit was developed hand-in-hand with U.S.

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EPA Region 9 staff and reviewed and cleared by appropriate technical staff in the Office of Water at U.S. EPA Headquarters. Our staff jointly produced the response to public comments and jointly agreed to the changes in response to those comments. When we met on August 23, you assured me that the Oceanside permit was ready for U.S. EPA to sign. Indeed, U.S. EPA staff and management were present during the September hearing before our Board and explicitly endorsed adoption of the permit on the record. I have informally requested information regarding the timing and cause of the delay and have been told that the permit is being held up by personnel at U.S. EPA Headquarters."

- The October 25 Montgomery Letter also expressed the Regional Board's expectation 54. "that U.S. EPA will also sign the permit by November 1, 2019, to avoid any uncertainty for the permittee and to ensure that permit requirements applicable to the main outfall also go into effect." (emphasis added). The letter continues, asking that "[i]f U.S. EPA does not intend to sign the permit, we respectfully request a written explanation for its refusal to adopt the permit for federal purposes and clarification regarding the applicable federal NPDES permit requirements."
- On October 29 two days before the alleged November 1 effective date of the 2019 55. Permit – the Executive Officer of the Regional Board, Michael Montgomery, sent a letter to San Francisco (the "October 29 Montgomery Letter"). The letter argued, for the first time since the Regional Board members took formal action at a hearing on September 11, that "the joint permit is properly viewed as two separate permits, one issued by U.S. EPA and one issued by the Regional Water Board ... Contrary to your assertions ... precedent support the view that joint permits are in fact dual permits ..." The letter then alleges that "most of the permit will go into effect on November 1" and attempts, "for ease of reference" to enumerate the provisions that the Regional Board claims "will not go into effect, because they relate only to discharges to federal waters." A copy of the October 29 Montgomery Letter is attached as Exhibit 4.
- Given San Francisco's grave concern regarding the Regional Board's illegal position 56. in the October 29 Montgomery Letter on the effective date of a portion of the 2019 Permit terms, on October 31, 2019, San Francisco filed an Ex Parte Application for a Temporary Restraining Order and an Order to Show Cause ("Ex Parte Application") and a Petition for Writ of Mandate, or in the alternative, for Writ of Administrative Mandamus with a Complaint for Declaratory and Injunctive Relief in San Francisco Superior Court, where the cause of action arose. CCP §§ 1085, 1094.5, 1060. 15

See Docket No. CPF-19-516906.

- 57. On October 30, 2019, one day before the hearing on the *Ex Parte* Application, the Regional Board filed a Motion to Change Venue based on Water Code § 13361(b) and CCP § 394. Counsel for San Francisco contacted counsel for the Regional Board in advance of the hearing on October 31 and offered to meet and confer to negotiate a stipulation to change venue after the hearing on the *Ex Parte* Application in San Francisco Superior Court. This offer was rebuffed.
- 58. A hearing on San Francisco's *Ex Parte* Application was held in San Francisco Superior Court on October 31, 2019. The Court concluded that the Regional Board's motion required that the venue issue be resolved before a disposition of the *Ex Parte* Application. At the hearing, the Honorable Ethan P. Schulman explicitly stated that controlling precedent prohibited him from taking any action in the case, due to the filing of a motion to change venue, including granting San Francisco's *Ex Parte* Application. As a result, Judge Schulman abstained from ruling on San Francisco's *Ex Parte* Application during the hearing and indicated that a hearing on the motion to change venue would need to occur or the parties would need to stipulate to change venue. Consistent with the court's conclusion that controlling precedent prevented any action until resolution on the motion to change venue, Judge Schulman issued no order on the docket with respect to the *Ex Parte* Application.
- 59. On November 5, 2019, the parties stipulated to change venue to Alameda Superior Court, and Judge Schulman signed the Order on Stipulation to Change Venue with respect to San Francisco's Petition for Writ of Mandate. The case was subsequently transferred to this Court.
- 60. On November 15, 2019, thirty-six (36) days after San Francisco filed its Petition for Review and Request for Stay, Eileen Sobeck, Executive Director of the State Board, dismissed San Francisco's Petition for Review and Denied San Francisco's Request for Stay without any hearing. Executive Director Sobeck's one page dismissal claimed, without any supporting analysis, that the petition "fails to raise substantial issues that are appropriate for review by the State Board." In conjunction with the petition denial, the request for a stay was denied "because any stay would be in effect only during the pendency of the State Board's review." The State Water Board provided no legal analysis or factual rationale for the denial of the petition beyond its brief conclusory statement.

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- It was not until December 10, 2019 ninety (90) days after the Regional Board took 62. its action at its hearing in September - that Regional Administrator Michael Stoker, on behalf of EPA, sent a letter to San Francisco adopting the 2019 Permit with an effective date of February 1, 2020. Mr. Stoker's letter cited to 40 C.F.R. § 124.19 to note that challenged permit terms may be stayed beyond February 1, 2020, in the event a petition for an appeal is filed with the federal Environmental Appeals Board.
- On December 11, 2019, in light of EPA's delayed approval of the 2019 Permit, and 63. EPA's stated effective date of February 1, 2020, San Francisco sent a letter to the Executive Officer of the Regional Board, Michael Montgomery, raising concern about the inconsistent effective dates identified by the two agencies for the jointly issued permit and requested that the Regional Board recognize February 1, 2020, as the permit's effective date. A copy of San Francisco's December 11, 2019 letter is attached as Exhibit 5.
- On December 13, in response to the letter from San Francisco inquiring about the 64. effective date of the 2019 Permit, the Regional Board's counsel responded by letter to state, in part:
 - "After consideration and discussion, including discussion with folks at Region IX of the U.S. Environmental Protection Agency, I can confirm that my client's position regarding the Oceanside permit effective date has not changed since Mr. Montgomery's letter of October 29, 2019. Our position is that the provisions of the permit that "relate only to discharges to federal waters" have an effective date as determined by the U.S. Environmental Protection Agency, and the remaining provisions of the permit (that relate to discharges to state waters) have an effective date of November 1, 2019. Mr. Montgomery's letter described where that line is to be drawn."
- This First Amended Petition for Writ of Mandate amends the Petition for Writ 65. originally filed in San Francisco Superior Court, which was subsequently transferred to this Court.
- As of the date of this First Amended Petition for Writ of Mandate and Complaint for 66. Declaratory Relief, therefore, the Regional Board continues to take the position that substantial parts of the 2019 Permit became effective on November 1, 2019, while EPA takes the position that the entire permit has an effective date of February 1, 2020 (absent any stay that may apply to terms subject to a

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federal administrative appeal).

STANDARD OF REVIEW VI.

- A Petition for Writ of Mandate is appropriate where a final administrative order is made as the result of a proceeding in which by law a hearing is required to be given, evidence is required to be taken, and discretion in the determination of facts is vested in the board. CCP § 1094.5(a). The California Water Code specifies that CCP § 1094.5 shall govern proceedings for petitions challenging a decision or order of the Regional Board for which the State Board denies review, as is the circumstance in this matter. Water Code § 13330(e).
- In reviewing a challenged decision or order of the Regional Board, a Court must 68. determine "whether the respondent has proceeded without, or in excess of jurisdiction; whether there was a fair trial; and whether there was any prejudicial abuse of discretion." CCP § 1094.5(b). Abuse of discretion is established if (i) the respondent has not proceeded in the manner required by law, (ii) the order or decision is not supported by the findings; or (iii) the findings are not supported by the evidence. Id.
- Water Code section 13330(e) specifies that this Court shall exercise its independent 69. judgment on the evidence. Where it is claimed that the findings are not supported by the evidence, in cases where the court is authorized by law to exercise its independent judgment, abuse of discretion is established if the court determines that the findings are not supported by the weight of the evidence. CCP § 1094.5(c).

GENERAL ALLEGATIONS. VII.

- A. The Regional Board's Declaration that the Effective Date of the Jointly-Issued 2019 Permit is November 1, 2019 is Not Authorized by Law and Not Supported by the Permit Terms or Other Public Statements.
- The Regional Board consists of, and acts through, "seven members appointed by the 70. Governor, each of whom shall represent, and act on behalf of, all the people and shall reside or have a principal place of business within the region." Water Code § 13201. The Regional Board members "after necessary hearing, shall prescribe requirements as to the nature of any proposed discharge,

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existing discharge, or material change in an existing discharge ..." Water Code § 13263. It was this authority under which the appointed members of the Regional Board took action on the 2019 Permit on September 11, 2019. Regional Board staff are overseen by an Executive Officer. The Executive Officer's authority is more narrow than that of the Regional Board members except when operating at the specific direction provided by the Regional Board's members. Water Code § 13223.

- Prior to effective date of the 2019 Permit, San Francisco has, and will continue to 71. operate the Westside Facilities pursuant to Order No. R2-2009-0062 (the 2009 Permit). This is explicitly recognized in the 2019 Permit, which states that "Order No. R2-2009-0062 [2009 Permit] is rescinded upon the effective date of this Order ..." Exhibit 1 (2019 Permit), at 5.
- The 2019 Permit does not provide any terms that anticipate or provide for a partial 72. repeal of the 2009 Permit due to different federal and State effective dates. There is not, therefore, any way to read the terms for rescission of the 2009 Permit other than to conclude that it will be accomplished on a single date following the joint issuance of a new permit by EPA and the Regional Board.
- San Francisco is continuing to operate its Westside Facilities for the four month period 73. between November 1, 2019 and February 1, 2020 pursuant to the 2009 Permit. San Francisco has successfully operated the Westside Facilities pursuant to the 2009 Permit for a decade and doing so for an additional four month period until February 1, 2020 will continue to provide protection for human health and the environment.
- The Regional Board Executive Officer has unilaterally taken the position that large 74. portions of the 2019 Permit became effective on November 1, 2019, even though EPA has stated the effective date to be February 1, 2020. As such, the Executive Officer's position is that San Francisco must immediately begin complying with at least certain terms despite EPA's position that the 2019 Permit will not be effective until February 1, 2020 (and certain terms may be stayed beyond that date in the event of a federal administrative appeal). The Regional Board members have not held a hearing to consider, or otherwise voted to approve the interpretation of effectiveness of the 2019 Permit being pursued by the Executive Officer.

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- To resolve the conflicting effective dates, the Regional Board Executive Officer 75. attempts to take unilateral administrative action - without public notice and comment and without any consultation with the joint permitting authority (EPA) or the discharger (San Francisco) - to retroactively declare that the approval of the entire 2019 Permit on September 11, 2019 by the authorized members of the Regional Bard, was actually the issuance of two separate permits - one by the Regional Board and one by EPA. Such an effort is contrary to the plain terms of the 2019 Permit - which clearly is drafted as a single legal document - and contrary to all principles of administrative law.
- San Francisco's Westside Facilities function as an integrated wastewater system and 76. treat sewage for hundreds of thousands of San Francisco residents and associated businesses. The Oceanside Treatment Plant cannot operate without discharging to both waters of the United States and waters of the State. Therefore, in order to operate and to discharge in compliance with the law, San Francisco must have a validly issued permit under the CWA and state law. Because the Oceanside Treatment Plant's deep-water outfall - identified as Discharge Point 001 - discharges into the Pacific Ocean outside the waters of the State, EPA has concurrent jurisdiction with the Regional Board to issue the NPDES Permit. See Exhibit 1 (2019 Permit), at 5 ("The Regional Water Board intends [] joint issuance of this Order with U.S. EPA. . . . ").
- It is neither technically practical, nor legally authorized, for the Regional Board 77. Executive Officer to seek to "split" the 2019 Permit into two separate "federal" and "State" permits with separate, legally enforceable requirements. By way of example, operating Discharge Point 001 - the "federally authorized" discharge point in the Pacific Ocean - in compliance with permit terms can only be accomplished via reliance on infrastructure located across the Westside Facilities, including pump stations, transport-storage boxes, and conveyance pipes. Conversely, it would be impossible to comply with the remaining permit terms for operation of the Westside Facility including discharge from authorized CSDs to surface waters of the State - if San Francisco were not authorized to discharge from Discharge Point 001. Therefore, the complexity and integrated nature of the water pollution control infrastructure, makes uniform approval of the 2019 Permit critical and

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- Contrary to the Regional Board Executive Officer's post hoc characterization that the 78. 2019 Permit is really two "separate" permits independently developed by the separate federal and State regulatory agencies, Regional Board staff and EPA staff worked hand-in-hand to prepare and jointly issue the 2019 Permit. This included, for example, jointly drafting the permit and its conditions, jointly reviewing and responding to comments, and jointly meeting with San Francisco staff during the permit issuance process. In connection with the September 11, 2019, adoption hearing, Regional Water Board staff prepared a Staff Summary Report with the subject line: "City and County of San Francisco, Oceanside Water Pollution Control Plant, Wastewater Collection System, and Westside Recycled Water Project, San Francisco, San Francisco County - Reissuance of NPDES Permit." The Staff Report informed the Regional Board members, tasked with voting on the 2019 Permit authorization, that "[s]ince this permit covers discharges to both State and federal waters, we have worked closely with U.S. EPA to facilitate joint reissuance." (emphasis added).
- The 2019 Permit must be approved and issued by both the Regional Board members 79. and EPA to be effective. This is reflected, for example, in the signature block for the 2019 Permit which provides a space for signatures from both an EPA official and a Regional Board official. The signature block also states that the "signatures below certify that this Order . . . is . . . [a] correct copy of the Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on the date indicated above, and an NPDES permit issued by the U.S. Environmental Protection Agency, Region IX, on the date above."
- Pursuant to the 1989 MOA, in situations where EPA is not a joint issuer of the permit, 80. as here, but must only concur in the permit, the MOA provides that "[n]either the State Board nor the Regional Boards shall adopt or issue a NPDES permit until all objections made by EPA have been resolved." Here, not only does EPA have the authority to object to the 2019 Permit, it is a joint issuer of the Permit. Under these circumstances, the Regional Board does not have the authority to unilaterally declare large portions of a jointly issued permit to be effective on its own schedule and without EPA concurrence.

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- The attempted action by the Regional Board Executive Officer to "split" the 2019 82. Permit is plainly inconsistent with State law. The California Water Code unequivocally states that the Executive Officer does not have the authority to unilaterally modify the 2019 Permit as reviewed and voted upon by the Regional Board members. California Water Code § 13223 states that "Each regional board may delegate any of its powers and duties vested in it by this division to the executive officer excepting only the following ... (2) the issuance, modification, or revocation of any ... waste discharge requirement." The unilateral action attempted by the Regional Board Executive Officer on October 29 is contrary to the plain language of Water Code § 13223 and is therefore an abuse of discretion. Given the illegitimacy of this action, and the Regional Board's continued insistence in the applicability of its "dual permit" perspective, the Court must intervene.
- The Regional Board Executive Officer is unable to point to any other equivalent 83. administrative action where the Regional Board members reviewed public comments on a single permit, held a hearing on a single permit imposing complex and varied terms, and subsequently, after a public vote at the hearing where public testimony was received, the Executive Officer unilaterally, and without any consultation with a joint permitting authority (EPA) or the discharger (San Francisco), declared that only a portion of the document voted upon and approved by the Regional Board members would be enforceable and effective under California law absent further notice and comment and action by the Regional Board members.
- The attempt to parse "federal" and "state" requirements in the October 29 Montgomery 84. Letter is inconsistent with the explicit permit terms, which are joint in nature as described herein, and

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- In addition to the joint signature block on page 3 of the 2019 Permit, multiple terms of 85. the 2019 Permit make it clear that the document is a single permit, intended to be jointly approved, signed, and issued by the Regional Board and EPA with a single effective date. These terms include:
 - "The following Discharger is authorized to discharge from the locations listed in Table 2 in accordance with the waste discharge requirements (WDRs) and federal National Pollutant Discharge Elimination System (NPDES) permit requirements set forth in this Order." 2019 Permit, Exhibit 1 at p. 1 (emphasis added).
 - "Legal Authorities. This Order serves as WDRs pursuant to California Water Code article 4, chapter 4, division 7 (commencing with § 13260). This Order is also issued pursuant to federal CWA section 402 and implementing regulations adopted by U.S. EPA and Water Code chapter 5.5, division 7 (commencing with § 13370). It shall serve as a National Pollutant Discharge Elimination System (NPDES) permit authorizing the Discharger to discharge into waters of the United States as listed in Table 2 subject to the WDRs and NPDES permit requirements in this Order." 2019 Permit, Exhibit 1 at p. 5 (emphasis added).
 - "The Regional Water Board and U.S. EPA notified the Discharger and interested agencies and persons of their intent to jointly issue WDRs and NPDES permit requirements ..." 2019 Permit, Exhibit 1 at p. 5 (emphasis added).
 - "The Regional Water Board intends that joint issuance of this Order with U.S. EPA will serve as its certification under CWA section 401 that discharges pursuant to this Order comply with 33 U.S.C. sections 1311, 1312, 1313, 1316, and 1317." 2019 Permit, Exhibit 1 at p. 5 (emphasis added).
 - "The Discharger shall comply with all "Standard Provisions" included in Attachment D. In Attachment D, references to 'Regional Water Board' shall be interpreted as 'Regional Water Board and U.S. EPA,' and references to 'Regional Water Board Executive Officer' shall be interpreted as 'Regional Water Board Executive Officer

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- "The Discharger shall comply with all applicable provisions for the 'Regional Standard Provisions, and Monitoring and Reporting Requirement' (Attachment G)," which are regional- and state-specific permit terms that are applied to all discharges and aspects of the Westside Facilities, including discharges into Federal waters via Discharge Point No. 001. 2019 Permit, Exhibit 1 at p. 10.
- Multiple other terms in the 2019 Permit require reporting to both EPA and the Regional 86. Board or concurrence from both EPA and the Regional Board. This demonstrates that the document is a cohesive single permit and it cannot be retroactively "separated" into two entirely separate California and federal permits. Examples include:
 - Routine reporting must be made "within 45 days of receipt of analytical results ... to the Regional Water Board and U.S. EPA." 2019 Permit at p. 11.
 - Documentation of the nine minimum controls the core regulatory program terms applicable to combined sewer systems like the Westside Facilities - must be "report[ed] [annually] to the Regional Water Board and U.S. EPA covering the prior October 1 through September 30." 2019 Permit at p. 19.
 - Required reports addressing updates to the Long-Term Control Plan ("LTCP"), covering multiple aspects of the operation of the Westside Facilities "shall [be] submit[ted] ... to the Regional Water Board and U.S. EPA as specified ..." 2019 Permit at pp. 21-22. The October 29 Montgomery letter at p.4 concedes that the LTCP and the associated permit terms apply to all discharges and would need to be "effective" - even for discharges and operations that can only be authorized by the EPA - summarily alleging that "their implementation is also necessary to control discharges to the nearshore outfalls."
 - Following development of a Wet Weather Operations report, including plans, the report must be updated "[w]ithin 90 days of receiving written concurrence from the Regional Water Board Executive Officer and U.S. EPA..." 2019 Permit at p. 22.
 - Notification is required to "the Regional Water Board and U.S. EPA at least 30 days prior

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to commencing the Westside Recycled Water Project."

- The required Efficacy of Combined Sewer System Controls Special Study must be submitted "to the Regional Water Board and U.S. EPA ..." 2019 Permit at p. 23
- The construction of the 2019 Permit imposes a number of requirements on San 87. Francisco that are anchored to a single "effective date." This indicates that the Regional Board members did not anticipate "splitting" the 2019 Permit when they voted to approve it in September 2019, and illustrates why an attempt to impose two, separate effective dates is plainly inconsistent with the express terms in the 2019 Permit. Examples of these requirements anchored to the Effective Date include:
 - Requirements to implement new notification and reporting requirements for sewer overflows "within six months of the effective date of this Order ..." 2019 Permit at Section VI.C.5.a.ii(b).
 - Submission of a System Characterization Report "[w]ithin 48 months of this Order's effective date." 2019 Permit at Section VI, Table 7.
 - Submission of San Francisco's completed and planned public participation efforts to involve the affected public in the decision-making process related to capital planning "[w]ithin 48 months of this Order's effective date." 2019 Permit at Section VI, Table 7.
 - Submission of a Consideration of Sensitive Areas Report "[w]ithin 48 months of this Order's effective date." 2019 Permit at Section VI, Table 7.
 - Submission of a Wet Weather Operations Report "[w]ithin 24 months of this Order's effective date." 2019 Permit at Section VI, Table 7. The report must be used to update San Francisco's Operation and Maintenance Manual "[w]ithin 90 days of receiving written concurrence from the Regional Water Board Executive Officer and U.S. EPA." Id.
 - Preparation and submission of an initial toxicity reduction evaluation work plan "within 90 days of the effective date of this Order" using EPA guidance. 2019 Permit at Attachment E, Section V.E.1.
 - Attachment F, Section I.B. of the 2019 Permit, and applicable federal regulations at 40

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C.F.R § 122.46, "limit the duration of NPDES permits to a fixed term not to exceed five Conflicting expiration dates by EPA and the Regional Board create an vears." irreconcilable conflict in the duration of the 2019 Permit.

The conflict between EPA and the Regional Board over the effective date of the 2019 88. Permit has left San Francisco in an untenable position. In order to operate its Westside Facilities, San Francisco must have certainty over what permit is current and effective. If San Francisco complies with the existing permit originally issued in 2009, it risks enforcement by the Regional Board for noncompliance with the 2019 Permit that the Regional Board argues was effective on November 1, 2019. If it complies with the 2019 Permit, it risks enforcement by EPA, which has specified that this permit is not effective until February 1, 2020. If San Francisco attempts to comply with certain provisions of the 2019 Permit and certain Provisions of the 2009 Permit concurrently, as unilaterally directed by the Regional Board Executive Director in his October 29 letter, the City risks enforcement by EPA and the Regional Board (as well as third-party citizen suits). This disagreement between the joint regulatory agencies also introduces substantial uncertainty for San Francisco because their positions are irreconcilable and it is not possible for San Francisco to identify the applicable and effective permit terms. Further, there is no legal basis for the piece-meal approval of the 2019 Permit and no factual basis that such piece-meal compliance is reasonably feasible from a practical standpoint given that the Westside Facilities comprise one complete hydrologic unit.

B. The 2019 Permit Includes Substantive Terms that are an Abuse of Discretion

- 1. The Regional Board's Inclusion of Generic, Boilerplate Water Quality Based Effluent Limitations are Not Authorized by Law and Not Supported by the Evidence.
- In adopting the 2019 Permit, the Regional Board abused its discretion by including 89. both San Francisco-specific water quality based effluent limitations ("WQBELs") and conflicting generic, boilerplate WQBELs. Only the San Francisco-specific WQBELs are appropriate and consistent with the CWA permitting legal framework and the available evidence before the Regional Board. Incorporation of the generic, boilerplate WQBELs into the 2019 Permit, therefore, was an abuse of discretion.

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90. The CWA requires that designated uses and water quality criteria (called "water quality objectives" in California) must be set for water bodies. With respect to designated uses, the CWA describes various uses of waters that are considered desirable and should be protected, including public water supply, recreation, and propagation of fish and wildlife. With respect to water quality criteria, the CWA requires States to adopt criteria sufficient to protect designated uses for State waters; these criteria may be numeric or narrative depending upon various factors.

- The Regional Board was required to comply with the procedural and substantive 91. requirements in the CWA and NPDES permitting regulations when issuing the 2019 Permit. See 40 C.F.R. Parts 122, 124. If the Regional Board finds that technology based effluent limitations alone will not result in the discharges from the Westside Facilities complying with the applicable water quality standards then the CWA and its implementing regulations require development of WQBELs for inclusion in the Permit.
- CWA Section 301(b)(1)(C) requires that permits include WQBELs in NPDES permits 92. if "necessary to meet water quality standards." In order to know if WQBELs are necessary, a reasonable potential analysis is required. See 40 CFR 122.44(d). Additionally, the NPDES permitting regulations require any WQBEL to be consistent with the "assumptions and requirements" of any Total Maximum Daily Load and include "the appropriate site-specific considerations." NPDES Permit Writers Manual, US EPA (September 2010) at pp. 6-1—6-2.
- The 2019 Permit identifies Section IV.B and VI.C.5.c as the applicable WQBELs for 93. the Westside Facilities. The permit terms associated with San Francisco's LTCP at VI.C.5.c are explicitly identified as the site-specific WQBEL. See 2019 Permit, Fact Sheet at F-25.
- The 2019 Permit also includes a re-opener provision, which allows the Regional Board 94. to modify or "re-open" the 2019 Permit if "present or future investigations demonstrate that the discharges governed by this Order have or will have potential to cause or contribute to . . . adverse impacts on water quality." Id. at F-27. Thus, the Regional Board retains the authority under the permit

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to revisit the WQBELs set in Section VI.C.5.c. in the event that more stringent WQBELs are determined necessary to meet water quality standards.

- However, in addition to the Regional Board's inclusion of San Francisco-specific WQBELs and the re-opener provision, the 2019 Permit includes two sections of generic, boilerplate WQBELs. These terms conflict with the specific WQBELs set in Section VI.C.5.c., and were not added to the 2019 Permit in a manner consistent with required process or applicable law.
- The first generic, boilerplate WQBEL is included in Section V of the 2019 Permit which, in relevant part, states:

Discharge shall not cause or contribute to a violation of any applicable water quality standard (with the exception set forth in State Water Board Order No. WQ 79-16) for receiving waters adopted by the Regional Water Board, State Water Resources Control Board (State Water Board), or U.S. EPA as required by the CWA and regulations adopted thereunder.

2019 Permit, at p. 8. ("Section V").

- The second generic, boilerplate WQBEL is included in Provision G.I.I.1 of Attachment 97. G, Regional Standard Provisions, and Monitoring and Reporting Requirements of the 2019 Permit, which states: "Neither the treatment nor the discharge of pollutants shall create pollution, contamination, or nuisance as defined by California Water Code section 13050." ("G.I.I.1").
- Contrary to law, the Regional Board characterizes both V and G.I.I.1 as "receiving 98. water limitations." The Regional Board provides no explanation of the nature or importance of a "receiving water limitation," how it is different from a WQBEL, or how a "receiving water limitation" fits into the CWA's legal framework. In its comments, San Francisco requested that the Regional Board clarify the distinction between a WQBEL and a receiving water limitation, if any, and the corresponding legal implications arising from the distinction. The Regional Board failed to respond to this comment.
- WOBELs are, by definition, "designed to protect water quality by ensuring that water 99. quality standards are met in the receiving water." EPA NPDES Permit Writers Manual at 6-1. EPA

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explains, "water quality-based effluent limits . . . are designed to ensure that the applicable state water quality standards are met." In re City of Moscow, Idaho, 10 E.A.D. 135 (EAB 2001). The Regional Board itself states that V and G.I.I.1 are WQBELs - "[c]ompliance with receiving water limitations is determined with respect to the discharge's effect on the receiving water." SFRWQCB Response to Written Comments at Response to San Francisco Comment B.1 at p. 12. As drafted in the 2019 Permit and explained by the Regional Board, therefore, there is no legal distinction between the definition of WQBELs and Sections V and G.I.I.1 of the Permit.

- The generic, boilerplate WOBELs create substantial regulatory uncertainty and fail to 100. provide fair-notice to San Francisco about how to operate its wastewater treatment infrastructure. The generic, boilerplate WOBELs fail to identify a clear standard for compliance.
- The Regional Board did not comply with the NPDES Permitting Regulations when 101. adopting these generic, boilerplate WQBELs in the 2019 Permit. These WQBELs are not based upon a reasonable potential analysis, the Total Maximum Daily Load developed by the Regional Board and approved by EPA, specific identification of the pollutants of concern, or site-specific considerations unique to San Francisco's combined sewer system.
- Because Section V and GII.1. are boilerplate, generic WQBELs, their inclusion in the 102. 2019 Permit is in direct conflict with the requirement that WQBELs be "site-specific."
- The Regional Board tries to justify its adoption of Section V and G.I.I.1. by taking the 103. position that San Francisco's compliance with the specific WQBELs in Section VI.C.5.c. may "not necessarily achieve water quality standards." The Regional Board, however, failed to provide a reasoned explanation, cite data or analyses to support this supposed factual basis for these permit terms. Further, a claim that the generic, boilerplate standards in Section V and G.I.I.1. may be "necessary to achieve water quality standards" conflicts with decades of contrary findings by the Regional Board that the specific WQBELs achieve water quality standards. For example, the Regional Board's Basin Plan specifically concluded that San Francisco's combined sewer system was not

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responsible for any observed bacteria impacts on San Francisco Bay beaches:

"If not properly managed, the following source categories have the potential to discharge bacteria to San Francisco Bay beaches at levels that cause or contribute to exceedances of water quality objectives: sanitary sewer collection systems, urban runoff, pets at the beaches, vessels, and wildlife. Wet weather discharges from the City of San Francisco's combined sewer system that are authorized pursuant to U.S. EPA's Combined Sewer Overflow (CSO) Control Policy (see Section 4.9 Wet Weather Overflows) are not considered a significant source of bacteria to these San Francisco beaches."

Basin Plan at Section 7.2.5.2 (emphasis added).

The Regional Board's stated basis for the need to include these generic, boilerplate terms is also contradicted by other recent findings by the Regional Board, outside of the permitting context, that have concluded that the Westside Facilities are not a significant source of bacteria to receiving waters. For example, as raised in San Francisco's comments on the draft permit, the receiving waters offshore Baker Beach, which are associated with the Westside Facilities' CSD Outfalls Nos. 005-007 at Seacliff, were de-listed as impaired for bacteria in 2018 because the Regional Board found, based on "[slixteen lines of evidence," the "applicable water quality standards for [bacteria] are not being exceeded." EPA approved the de-listing in 2018, concluding it was "due to improved water quality." The San Francisco Bay Bacteria Total Maximum Daily Load is another example, where the Regional Board found San Francisco's CSDs were not a significant source of bacteria to receiving waters. This finding is also reflected in the Basin Plan. All available information indicates that the current performance of the Westside collection system is consistent with its design and that it protects beneficial uses in the Pacific Ocean and San Francisco Bay. This conclusion is supported by decades of information gathering and assessments and the ongoing post-construction monitoring program, including monitoring and modeling of the collection system and receiving waters. The Regional Board did not provide a reasoned explanation for why including the generic, boilerplate permit terms was required given findings made by the Regional Board about bacteria, and the operation of San Francisco's Westside Facilities, in other contexts.

In its comments, San Francisco explained, with supporting information, why the 105. performance of the Westside Facilities protects beneficial uses. The Regional Board did not respond to San Francisco's post-construction monitoring information or provide a meaningful explanation why

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it disagreed with San Francisco's position or technical information. San Francisco has an existing postconstruction monitoring program and the information associated with this program demonstrates the Westside Facilities protect beneficial uses.

- The Regional Board, in seeking to impose the generic, boilerplate terms in the 2019 106. Permit, did not make a finding that the operation of the Westside Facilities was currently failing to protect beneficial uses, nor did the Regional Board make a finding that the San Francisco-specific WQBELs included in the 2019 Permit would fail to protect beneficial uses. Having failed to make such finding, the imposition of the generic, boilerplate terms was an abuse of discretion.
- The Regional Board cites to EPA's CSO Control Policy the nationwide framework 107. for controlling combined sewer overflows through the NPDES permitting program - as support for requiring compliance generic WQBELS in the 2019 Permit. The section of the CSO Control Policy relied upon by the Regional Board, however, is only applicable to Phase 1 NPDES Permits. Because the 2019 Permit is a Post-Phase II Permit (as described below), Sections V and G.I.I.1 are in direct conflict with the CSO Policy.
 - 2. The Regional Board's Imposition of Requirements related to Sewer Overflow from the Combined Sewer System Resulting from Design Capacity Exceedances is Contrary to Law.
- San Francisco's combined sewer system collects stormwater and sewage in the same 108. network of combined pipes. The system, as designed, has the capacity to capture and convey rainfall and wastewater at a level of service determined by San Francisco.
- Level of service decisions are appropriately left to local municipalities. 109. decisions involve design, engineering, and financial decisions relevant to the construction, upgrade, or replacement of a municipality's entire combined sewer system. For example, a city-wide change in the level of service for a municipality the size of San Francisco would require re-engineering large portions, or even the entire, combined sewer system. Such a decision, if approved by local elected officials, would likely cost billions of dollars and require years, or even decades, of disruption as pipes under the streets, and other infrastructure, is upsized.
 - In large storm events, which exceed the selected level of service, the hydraulic capacity 110.

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in portions of the system may be exceeded by the amount of stormwater entering the system. When the hydraulic capacity of the system is exceeded, a sewer overflow from the combined sewer system ("SOCSS") may occur (for the purpose of this action, SOCSS refer only to events occurring as the result of a design capacity exceedance due to a large storm event). Under these circumstances, however, the system is operating as designed and the SOCSS are not the result of a design failure or a lack of required operation and maintenance. As such, SOCSS can only occur during wet weather and, even then, only in response to large storm events. In its Basin Plan, the Regional Board specifically recognized that San Francisco's "system is subject to overloading during severe storms." Basin Plan at § 4.11.1.

- It is not possible to engineer a combined sewer system to eliminate SOCSS in all size storm events.
- When SOCSS do occur, the overflow exits the combined sewer system and then 112. reenters the system at a downgradient point and/or after the amount of stormwater entering the system subsides. For example, during a large storm event, combined sewer and stormwater inflows that exceed the capacity of a pipe may exit the collection system - c.g., via a manhole - flow overland and collect in the lowest point of a street before reentering the combined sewer system via a feature like a manhole cover or catch basin. Due to geography and design, SOCSS do not flow directly into waters of the State, like the Bay or the Pacific Ocean, from the Westside Facilities.
- SOCSS, resulting from design exceedances of the system, are materially different from 113. overflows resulting from operation and maintenance deficiencies. Examples of operation or maintenance deficiencies that could cause a localized overflow from the combined sewer system would include reduced pipe capacity due to fat, oil, and/or grease accumulation or the collapse of a pipe due to damage or lack of repairs. Unlike SOCSS, overflows due to operation and maintenance deficiencies can occur during dry weather and wet weather (and during any size storm event).
- Via Section VI.C.5.(a)(ii)(b), the Regional Board seeks to impose various reporting requirements for SOCSS in the 2019 Permit. The reporting requirements improperly include design capacity exceedances unrelated to any failure in the system or its operation and maintenance.

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The Regional Board's alleged basis for mandating the reporting of SOCSS resulting 115. from design capacity exceedances is to determine whether "corrective action" is necessary. The first time the Regional Board raised the need to collect this information to evaluate "corrective action" was in their Response to Comment. The Regional Board has not provided an acceptable rationale or basis to impose SOCSS reporting in the 2019 Permit because the Regional Board does not have the authority to order any "corrective action" relevant to the level of service or design capacity of San Francisco's combined sewer system.

The CWA does not provide authority to regulate SOCSS that do not reach a Water of 116. the United States. 33 U.S.C. § 1362(7). Further, the Regional Board does not have legal authority to regulate SOCSS that do not result from operation or maintenance deficiencies or where the SOCSS do not reach waters of the State. See, e.g., Water Code §§ 13050(e), 13260; 40 C.F.R. § 122.41(e).

In seeking to justify the reporting of SOCSS, the Regional Board indicated in its 117. response to comments that SOCSS may impact groundwater resources. This rationale was not included as a basis for requiring SOCSS reporting when public comment on the permit was solicited. Further, the Regional Board has not alleged that operation of San Francisco's combined sewer system is discharging waste into groundwater in a manner that creates or threatens to create a condition of pollution or nuisance, nor has it provided any data or concrete information showing this is the case. Further, the Regional Board has never alleged an impact to groundwater resulting from the system nor requested that San Francisco seek Waste Discharge Requirements for such discharges despite regulating San Francisco's system for decades. The Regional Board failed to cite in the Administrative Record to any other municipality in California being ordered to seek a state permit for alleged discharges to groundwater from operation of a combined sewer system.

In adopting the reporting requirements for SOCCS, the Regional Board failed to cite 118. specific evidence that SOCSS occur within the geographic region covered by the 2019 Permit. For example, at the September 11, 2019 adoption hearing, Regional Board staff failed to produce any specific evidence of SOCSS on the Westside, the area covered under the 2019 Permit. Rather, staff arbitrarily and capriciously entered photographs of SOCSS occurring on the opposite site of the City,

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in an area covered under an entirely separate NPDES permit, and the Regional Board mistakenly relied on this information in concluding that SOCSS have occurred in the Westside. Further, the Regional Board did not consider any specific evidence that SOCSS are negatively impacting groundwater within the geographic region covered by the 2019 Permit. Therefore, the Regional Board lacks a factual basis to require "corrective action" to address SOCSS.

- In adopting a requirement to report SOCSS resulting from design capacity exceedances, the Regional Board inappropriately relies upon EPA's 1995 Combined Sewer Overflows Guidance for Nine Minimum Controls ("NMC Guidance"). The NMC Guidance was not designed to address SOCSS that do not reach a surface water and, therefore is not relevant to, nor does it justify the regulation of SOCSS resulting from design capacity exceedances associated with large storm events. Further, the NMC Guidance does not provide a basis to require "corrective action" to address SOCSS.
- In justifying adoption Section VI.C.5(a)(ii)(b) requiring the reporting SOCSS, the 120. Regional Board claimed that the SOCCS reporting is necessary to confirm whether such overflows reach waters of the United States. This is not a basis supporting the adoption of this reporting requirement because the 2019 Permit includes other reporting mechanisms that will provide this information consisting of two provisions in Attachment G, "Two-Hour Notification" and "Five Day Written Report" that require the reporting of unauthorized discharges that reach a surface water. 2019 Permit at Sections V.E.2.a and V.E.2.b. of Attachment G.
- The Regional Board tries to justify SOCSS reporting by alleging that SOCCS are a 121. public nuisance. SOCSS are not a public nuisance as a matter of law, so the Regional Board cannot regulate these SOCSS as nuisances under Water Code section 13050. California Civil Code section 3482 explicitly states that nothing which is done or maintained under express authority of a statute can be deemed a nuisance. Because San Francisco is authorized by state and local law, and under its NPDES permit, to operate its combined sewer system as designed, SOCSS that occur in connection with intended and expected operation of the system, due to rainfall in excess of design capacity, cannot be a public nuisance. SOCSS resulting from design capacity exceedances are also protected against

nuisance claims by design immunity. See California Government Code § 830.6.

- 122. In an effort to craft a theory extending its jurisdiction over SOCSS resulting from design capacity exceedances, the Regional Board has gone to unreasonable lengths. The legal theories are not contemplated by the CWA and are contrary to the underlying intent of the CSO Control Policy.
 - The Regional Board Abused its Discretion by Requiring a Long Term Control Plan Update in the 2019 Permit.
- 123. The 2019 Permit, at VI.C.5.d, seeks to establish what the Regional Board describes as an "LTCP Update." VI.C.5.d includes Table 7, which imposes a list of tasks that must be completed by San Francisco over a period of years in order to "update" its LTCP. The Regional Board's attempt to include VI.C.5.d in the 2019 Permit is an abuse of discretion because it would impose elements of the CSO Control Policy LTCP requirements that do not apply to San Francisco. The 2019 Permit Requirements in Section VI.C.5.d are contrary to law and are not supported by evidence.
- Policy and as implemented through individually approved NPDES permits, is EPA's and Congress' method to implement the CSO Control Policy. The CSO Control Policy expects implementation to happen via a phased process as each municipality's combined sewer system obtains information and begins to build its collection system and treatment facilities. *See* 59 Fed. Reg. at 18,696 (i.e., Phase I, Phase II, and Post-Phase II NPDES Permits).
- 125. San Francisco is unique in the context of the CSO Control Policy and its implementation framework. As explained above, San Francisco was decades ahead of most combined sewer systems and completely built the Westside Facilities by 1997 only three years after the release of the CSO Control Policy. The Westside Facilities are fully built, operate as designed, have been properly permitted by a post-Phase II permit that incorporates the applicable technology-based and water-quality based requirements of the CWA.
- 126. The CSO Control Policy anticipated that some municipalities like San Francisco would have undertaken substantial study and build-out of their combined sewer systems prior to issuance of permits following the 1994 finalization of the CSO Control Policy. To that end, in Section I.C. of the

CSO Control Policy, EPA "recognize[d] that extensive work has been done by many Regions, States, and municipalities to abate CSOs. As such, portions of this Policy may already have been addressed by permittees' previous efforts to control CSOs." The CSO Control Policy continues, in Section I.C.2., stating in relevant part:

Any permittee that, on the date of publication of this final Policy, has substantially developed or is implementing a CSO control program pursuant to an existing permit or enforcement order, and such program is considered by the NPDES permitting authority to be adequate to meet [water quality standards] and protect designated uses and is reasonably equivalent to the treatment objectives of this Policy, should complete those facilities without further planning activities otherwise expected by this Policy. ...

- 127. The Regional Board has affirmed that the I.C exemption in the CSO Control Policy applies to San Francisco. See 1997 Oceanside NPDES Permit No. CA0037681 p. 6, finding 11.
- 128. The Regional Board's Basin Plan provides the following affirmation of San Francisco's system and substantial, early efforts to plan and engineer system improvements:

"The Water Board intends to implement the federal CSO Control Policy for the combined sewer overflows from the City and County of San Francisco. The City and County of San Francisco has substantially completed implementation of the long-term CSO control plan (and is thereby exempted requirements to prepare a long-term control plan)."

Basin Plan at 4.9.1.

- 129. In the 2019 Permit, the Regional Water Board seeks to impose numerous LTCP requirements on San Francisco that San Francisco has already completed as part of the historical development of the Westside Facilities, and that, as a matter of law, it is exempt from being required to complete under the CSO Control Policy. *See* 2019 Permit, Section VI.C.5.d, Table 7,
- 130. The 2019 Permit is a post-Phase II Permit under EPA's CSO Control Policy. In its response to comments, the Regional Board cited CSO Policy sections IV.B.2.b., IV.B.2.d., IV.B.2.c., and IV.B.2.f for its authority to impose the LTCP-related conditions in Table 7. Those provisions of the CSO Control Policy explicitly relied upon as the basis for the Regional Board's authority are "Phase II Permits-Requirements for Implementation of a Long-Term CSO Control Plan." The 2019 Permit is not a Phase II permit; it is a post- Phase II permit. A Phase II permit is a permit issued during the initial implementation of an LTCP. San Francisco completed implementation of its LTCP for the

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- The Regional Board provided no explanation why it is legal or appropriate to apply Phase I or Phase II permitting requirements to a combined sewer system via a post-Phase II permit.
- The Regional Board has provided no findings in support of the requirements sought to 132. be imposed by Section VI.C.5.d of the 2019 Permit, and its responses to comments raising concerns about the requirements are post hoc rationales, unsupported by any evidence. For example, in its response to comments, the Regional Board states, "since decades have passed since San Francisco constructed most of its wet weather facilities, we find it unlikely that no improvement can be made." The Regional Board provided no explanation of what - if any - evidence supported its conclusion that "improvements" are necessary.
- The 2019 Permit, at VI.C.5.d is contrary to law, because even those permit terms that 133. could apply to San Francisco fail to align with the legal requirements of the CSO Control Policy. For example, Table 7, Task 3, fails to align with the CSO Control Policy requirement that any CSDs to a sensitive area, that cannot be eliminated or relocated, must be tied to the level of control "deemed necessary to meet [water quality standards] for full protection of existing and designated uses." See CSO Control Policy at II.C.3.
- The Regional Board has failed to provide evidence that San Francisco's Westside 134. Facilities do not protect beneficial uses. As such, there is no basis for imposing the requirements in Table 7, Task 3 of the 2019 Permit which requires a report "that evaluates, prioritizes, and proposes control alternatives needed to eliminate, relocate, or reduce the magnitude or frequency of discharges to sensitive areas" and then San Francisco must "prioritize and propose for implementation alternatives to eliminate, relocate, or reduce the magnitude or frequency of discharges" and propose an "implementation schedule."

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Evidence in the record demonstrates the Westside Facilities protect beneficial uses. 135. The Regional Board has not made a finding to the contrary. As a result, the lack of such a finding by the Regional Board, combined with the text of Section VI.C.5.d, illustrates the Permit is inconsistent with the CSO Control Policy and contrary to law.

Contrary to Law, Sections V, VI.C.5.d, and G.I.I.1 of the 2019 Permit Fail to Provide San C. Francisco with Fair Notice.

- In adopting the 2019 Permit, the Regional Board was required to provide "fair notice" of its requirements and terms, as mandated by the Due Process Clause of the U.S. Constitution. Cranston v. City of Richmond, 40 Cal.3d 755, 763-64 (1985); McMurty v. Bd. Of Med. Examiners, 180 Cal. App. 2d 760, 766 (1960). In the context of NPDES permits, the Due Process requirement of fair notice is a basic standard in administrative law. See, e.g., Wisconsin Resources Protection Council v. Flambeau Min. Co., 727 F.3d 700, 708 (7th Cir. 2013) (In determining whether regulated party received fair notice of EPA's approval of NPDES permit, Court recognized that due process requirement has been "thoroughly incorporated into administrative law.") (citing Gen. Elec. Co. v. United States EPA, 53 F.3d 1324, 1328-29) (D.C. Cir. 1995).
- Fair notice is based on the fundamental principle in our legal system that "laws which regulate persons or entities must give fair notice of conduct that is forbidden or required." FCC v. Fox Television Stations, Inc., 567 U.S. 239, 253 (2012). First, under this principle "regulated parties should know what is required of them so they may act accordingly;" and second, "precision and guidance are necessary so that those enforcing the law do not act in an arbitrary or discriminatory way." Id.
- The Regional Board did not provide San Francisco fair notice of what conduct is 138. prohibited in the 2019 Permit when it adopted Sections V, VI.C.5.d, and G.I.I.1.
- Section V declares the Westside Facilities "shall not cause or contribute to a violation 139. of any applicable water quality standard." Exhibit 1 (2019 Permit), at 8. San Francisco has no reasonable certainty of what Section V requires or what San Francisco must now do, if anything, to ensure compliance. San Francisco cannot "violate" a water quality standard; it can only violate WQBELs in a NPDES permit, which are determined based upon the applicable water quality

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standards. As such, in adopting the this term, the Regional Board demands that San Francisco not violate water quality standards by not violating water quality standards – this circular logic, without defined meaning, demonstrates the lack of fair notice.

- Provision G.I.I.1 demands the Westside Facilities not "create pollution," where "pollution" means "an alteration of the quality of waters of the state . . . which unreasonably affects . . . the waters for beneficial uses" without explanation as to how "unreasonably affects" is defined. Exhibit 1 (2019 Permit), at G-8. The Regional Board did not provide any explanation of what conduct is forbidden or required to meet this standard.
- The generic WQBELs at Sections V and G.I.I.1, included in the 2016 Permit, were not 141. developed with any of the procedural and substantive safeguards built into the NPDES permitting process. The Regional Board or EPA may use these undefined WQBELs as a basis to find the discharges from the Westside Facilities do not protect beneficial uses or are otherwise is inconsistent with applicable water quality standards and bring a civil and criminal enforcement action.
- San Francisco has not been provided fair notice about the scope of the requirement 142. imposed by Section VI.C.5.d of the 2019 Permit, which mandates an LTCP update, because: (i) beneficial uses are protected and the Regional Board has not said otherwise, thereby leaving the goal of any LTCP Update unclear; and (ii) to the extent that an LTCP Update is imposed, the 2019 Permit does not provide explicit terms for how much reduction must be accomplished by the update beyond vague reference to "better protect[ion]."
- The Regional Board has taken the position for decades that the current frequency and 143. volume of CSDs protects beneficial uses. If the Regional Board's consistent findings on the level of control necessary to protect beneficial uses is no longer accurate, San Francisco no longer knows what level of control would provide "full protection of . . . uses" as required by CSO Control Policy II.C.3.b.ii. Without fair notice of the threshold that constitutes protection of beneficial uses in the Regional Board's interpretation, San Francisco lacks a clear conception of how much is necessary to "minimize" CSDs, "maximize" pollutant removal, and "reduce the magnitude or frequency of discharges to sensitive areas" in order to comply with the terms of VI.C.5.d..

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The Clean Water Act and EPA's regulations prescribe standards for State Programs 144. authorized to issue NPDES permits, including the requirement that a permit issuer shall "briefly describe and respond to all significant comments on the draft permit." 40 C.F.R. § 124.17(a)(2); see § 124.17(a)(c) ("(Applicable to State programs, see §§ 123.25 (NPDES)"). The State Board Regulations in Title 23 apply this requirement to the Regional Board's issuance of the Permit: "Waste discharge requirements for discharge from point sources to navigable waters shall be issued and administered in accordance with the currently applicable federal regulations for the National Pollutant Discharge Elimination System (NPDES) program." 23 Cal. Code Regs. § 2235.2 (emphasis added).

Accordingly, in issuing the 2019 Permit, the Regional Board was required comply with 145. certain procedural obligations, including those set forth in 40 C.F.R. § 124.17. Specifically, the Regional Board was required to "briefly describe and respond to all significant comments on the draft permit" that are "raised during the public comment period, or during any hearing." 40 C.F.R. § 124.17(a)(2) (emphasis added).

The Regional Board failed to meet the requirements set out in 40 C.F.R. § 124.17 when it did not, in its response to comments regarding the 2019 Permit, address the following specific issues raised by San Francisco:

- San Francisco requested that the Regional Board clarify the distinction between a WQBEL and a receiving water limitation, if any, and the corresponding legal implications for the distinction. The Regional Board failed to substantively address the comment.
- San Francisco requested that the Regional Board identify the federal and state statutory and regulatory legal authority for each task and sub-task in Table 7. In response, the Regional Board provided a generic string list of citations to the CSO Control Policy and EPA guidance. The citations were not responsive nor did they provide an explanation, as requested, about what legal authority supports each task and sub-task in Table 7.
- San Francisco raised in its comments that the Regional Board previously affirmed that the

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- San Francisco provided comments demonstrating that the current performance of the combined sewer system, pursuant to the WQBELs, protects beneficial uses. The Regional Board did not respond or explain how operation of the system consistent with the San Francisco-specific WQBELs in would fail to protect beneficial uses.
- San Francisco objected to the unqualified characterization in Section VI.C.5.a that the Regional Board has a legitimate "need" to collect information about SOCSS or that it has authority to collect such information, because operation of the system pursuant to a selected level of service confers design immunity on San Francisco pursuant to the California Government Code section 830.6. The Regional Board did not address or respond to San Francisco's design immunity argument.
- San Francisco raised comments that permit terms failed to provide fair notice. The Regional Board failed to substantively respond, stating only that it "provided San Francisco fair notice of our expectations," without further explanation to the specific instances of vagueness that San Francisco included in its comments.
- San Francisco's comments to the Regional Board in advance of its approval of the 2019 147. Permit, and identified in Paragraph 122, were significant. Although the Regional Board has discretion in how it responds to comments, there is no discretion to ignore or fail to respond to significant comments. 40 C.F.R. § 124.17(a)(2) (The permit issuer's "response shall" . . . "respond to all significant comments."). Therefore, the Regional Board abused its discretion by failing to respond to the comments timely raised during the public comment period.

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FIRST CAUSE OF ACTION

Declaratory Judgment that 2019 Permit Is Not Effective

- San Francisco realleges and incorporates by reference the allegations set forth in 148. paragraphs 1 through 147, above.
- The 2019 Permit is a single document and was adopted as such by the Regional Board 149. by vote on September 11, 2019. There is no legal basis for the Executive Officer of the Regional Board to unilaterally issue a post hoc fiat that alleges to bifurcate the 2019 Permit into separate federal and State permits, with the "new" State permit having the effective date of November 1, 2019.
- There is no basis to conclude that the 2019 Permit is not a single permit but is, instead, 150. "two separate permits," as alleged by the Regional Board or that the 2019 Permit can be teased apart via post hoc administrative action without public notice, comment, or a vote of the Regional Board.
- The 2009 Permit shall continue in full force and effect until February 1, 2020, or later, 151. because it will not be rescinded by the provisions otherwise stated in the 2019 Permit.
- San Francisco asks this Court to declare that: (a) the 2019 Permit (Order No. R2-2019-152. 0028) was not adopted until EPA issuance on December 11, 2019; (b) the effective date of the 2019 Permit is February 1, 2020, unless a petition for permit review is filed with the EAB, not November 1, 2019; (c) the 2009 Permit remains in full force and effect until February 1, 2020, unless a petition for permit review is filed with the EAB.
- The declaration will provide clarity to San Francisco about which specific permit is 153. operable and must be complied with during continued operation of the Westside Facilities. The declaration will further prevent harm to San Francisco from defending against enforcement actions, brought by the State, EPA, and/or citizen suits, that have no basis in the law and arise from purported permit obligations of which San Francisco had no clear notice.
- San Francisco asks that this Court enjoin the Regional Board from taking any enforcement action on the basis of the 2019 Permit, or any other action inconsistent with the declaration, until the effective date of the 2019 Permit on February 1, 2020 (or as that effective date may be extended as otherwise authorized by law).

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SECOND CAUSE OF ACTION

Writ of Administrative Mandate Declaring 2019 Permit Not Effective

- San Francisco realleges and incorporates by reference the allegations set forth in 155. paragraphs 1 through 154, above.
- The Regional Board's decision on the 2019 Permit is a final administrative order made 156. as the result of a proceeding in which by law a hearing is required to be given, evidence is required to be taken, and discretion in the determination of facts is vested in the board. Cal. Civ. Proc. Code § 1094.5(a).
- The writ of administrative mandate is appropriate because the Regional Board abused 157. its discretion by continuing to perpetuate a November 1, 2019 effective date, in whole or in part, for the 2019 Permit absent issuance, approval and signature of the 2019 Permit by EPA. See Cal. Civ. Proc. Code § 1094.5(b). "Abuse of discretion is established if the respondent has not proceeded in the manner required by law, the order or decision is not supported by the findings, or the findings are not supported by the evidence." Id. at § 1094.5(c). The Regional Board's position that portions of the 2019 Permit are effective as of November 1, 2019 is an abuse of discretion because it is contrary to law.
- The issuance of the October 29 Montgomery Letter, seeking to retroactively modify 158. the 2019 Permit by carving it up and partially "re-issue" it, absent any further action by the Regional Board, or public notice and opportunity to comment, is a further abuse of discretion and any such "state-only" permit is not supported by the findings nor the evidence considered by the Regional Board on September 11, 2019. The California Water Code is unequivocal that Mr. Montgomery does not have the independent authority to modify the 2019 Permit. It states, in relevant part, "Each regional board may delegate any of its powers and duties vested in it by this division to its executive officer excepting only the following: . . . (2) the issuance, modification, or revocation of any . . . waste discharge requirement." Cal. Water Code § 13223.
- San Francisco asks that this Court issue peremptory writ of administrative mandate commanding that the Regional Board not implement a November 1, 2019 effective date for the 2019

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Order and, further, commanding that the Regional Board not seek to implement the 2019 Permit in a piecemeal fashion, separate and apart from how it was approved by the Regional Board on September 11, 2019.

THIRD CAUSE OF ACTION

Writ of Administrative Mandate Setting Aside or Remanding the Generic, Boilerplate **WQBELs** in the 2019 Permit

- San Francisco realleges and incorporates by reference the allegations set forth in 160. paragraphs 1 through 159, above.
- 161. The Regional Board's decision on the 2019 Permit, including the terms in Section V and Attachment G, Provision G.I.I.1, is a final administrative order made as the result of a proceeding in which by law a hearing is required to be given, evidence is required to be taken, and discretion in the determination of facts is vested in the board. Cal. Civ. Proc. Code § 1094.5(a).
- The writ of administrative mandate is appropriate because the Regional Board abused its discretion by including Section V and Attachment G, Provision G.I.I.1 in the 2019 Permit. See Cal. Civ. Proc. Code § 1094.5(b). "Abuse of discretion is established if the respondent has not proceeded in the manner required by law, the order or decision is not supported by the findings, or the findings are not supported by the evidence." Id. at § 1094.5(c). For example, the Regional Board did not follow the required legal process for establishing the WQBELs in Section V and Attachment G, Provision G.I.I.1 in the 2019 Permit.
- The Regional Board further abused its discretion by failing to provide sufficient legal 163. and factual evidence supporting the need of these additional generic WQBELs. For example, the Regional Board attempts to justify the terms by characterizing them as "receiving water limitations" without any legal authority and by inappropriately relying on CSO Control Policy for Phase I and/or Phase II NPDES Permits while the 2019 Permit is a Post-Phase II Permit. *Id.* at § 1094.5(c).
- The Board further abused its discretion by relying on generic WQBELs that broadly prohibit "violating" water quality standards and impairing beneficial uses, instead of developing sitespecific permit limitations designed to address any substantiated issues with San Francisco's

discharges, and possible effect on receiving waters in the San Francisco Bay.

165. San Francisco asks that the Court issue a peremptory writ of administrative mandate against the Regional Board setting aside Sections V and G.I.I.1 of the 2019 Permit because these WQBELs are an abuse of discretion. In the alternative, San Francisco asks this Court for a writ of administrative mandate remanding Section V and G.I.I.1 to the Regional Board to make proper determinations regarding water quality based standards consistent with the Clean Water Act and NPDES permitting regulations.

FOURTH CAUSE OF ACTION

Writ of Administrative Mandate Setting Aside or Remanding the Reporting and Regulatory Requirements for SOCSS Resulting from Design Capacity Exceedances in 2019 Permit

- 166. San Francisco realleges and incorporates by reference the allegations set forth in paragraphs 1 through 165, above.
- 167. The Regional Board's decision on the 2019 Permit, imposing reporting requirements for SOCSS, is a final administrative order made as the result of a proceeding in which by law a hearing is required to be given, evidence is required to be taken, and discretion in the determination of facts is vested in the board. Cal. Civ. Proc. Code § 1094.5(a).
- 168. The writ of administrative mandate is appropriate because the Regional Board abused its discretion by defining Section VI.C.5(a)(ii)(b) to include reporting requirements for SOCSS resulting from design capacity exceedance. *See* Cal. Civ. Proc. Code § 1094.5(b). "Abuse of discretion is established if the respondent has not proceeded in the manner required by law, the order or decision is not supported by the findings, or the findings are not supported by the evidence." *Id.* at § 1094.5(c).
- 169. San Francisco does not object to regulation and reporting of SOCSS arising as a result of operation, maintenance, or other combined sewer system failures encompassed by Section VI.C.5(a)(ii)(b) but asks this court to find that the Regional Board abused its discretion when it extended requirements for reporting SOCSS resulting from level of service exceedances caused by severe storms.

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The requirements, imposed in the 2019 Permit and related to SOCSS resulting from 170. design capacity exceedance, are not within the Regional Board's jurisdiction and contrary to the evidence in the record. The Regional Board has not provided evidence demonstrating it has the legal authority over SOCSS resulting from design exceedance, that such SOCSS occur within the geographic footprint of the 2019 Permit, or that it needs to obtain information about design capacity exceedance (as opposed to SOCSS due to operation and maintenance deficiencies). Thus, the Regional Board has abused its discretion by including reporting requirements for SOCSS resulting from design capacity exceedance in addition to SOCSS due to operation and maintenance deficiencies.

San Francisco asks that the Court issue a peremptory writ of administrative mandate 171. against the Regional Board setting aside Section VI.C.5(a)(ii)(b) and any requirement to report SOCSS resulting from design capacity exceedances. In the alternative, San Francisco asks the Court to remand Section VI.C.5(a)(ii)(b) to limit the regulation (including reporting) of SOCSS to those wet weather overflows that result from an operation and maintenance failure and explicitly exclude any events associated solely with an exceedance of design capacity.

FIFTH CAUSE OF ACTION

Writ of Administrative Mandate Setting Aside or Remanding the LTCP Update in 2019 **Permit**

- San Francisco realleges and incorporates by reference the allegations set forth in 172. paragraphs 1 through 171, above.
- The Regional Board's decision on the 2019 Permit, including the "LTCP Update" at 173. Section VI.C.5.d, is a final administrative order made as the result of a proceeding in which by law a hearing is required to be given, evidence is required to be taken, and discretion in the determination of facts is vested in the board. Cal. Civ. Proc. Code § 1094.5(a).
- The writ of administrative mandate is appropriate because the Regional Board abused 174. its discretion by including Section VI.C.5.d in the 2019 Permit. By including the "LTCP Update" requirements in Section VI.C.5 of the 2019 Permit, the Regional Board acted contrary to law because, among other reasons, the CSO Policy exempts San Francisco from these requirements. See Cal. Civ.

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Proc. Code § 1094.5(b). "Abuse of discretion is established if the respondent has not proceeded in the manner required by law, the order or decision is not supported by the findings, or the findings are not supported by the evidence." Id. at § 1094.5(c).

The Board's inclusion of Section VI.C.5 in the 2019 Permit is inconsistent with the 175. appropriate CSO Control Policy and Clean Water Act and not supported by the findings. The Regional Board further abused its discretion by only citing to Phase II CSO Policies in support of the "LTCP Update" requirements, while the 2019 Permit is post-Phase II Permit. Id. at § 1094.5(c).

San Francisco asks that the Court issue a peremptory writ of administrative mandate 176. against the Regional Board setting aside Section VI.C.5's "LTCP Update" requirements in the 2019 Permit because they are an abuse of discretion. In the alternative, San Francisco asks this Court for a writ of administrative mandate remanding Section VI.C.5 to the Regional Board to make proper legal determinations regarding San Francisco's Long Term Control Plan consistent with post-Phase II CSO Control Policies.

SIXTH CAUSE OF ACTION

Writ of Administrative Mandate Setting Aside or Remanding 2019 Permit Terms that Fail to Provide Fair Notice

- San Francisco realleges and incorporates by reference the allegations set forth in 177. paragraphs 1 through 176, above.
- The Regional Board's decision on the 2019 Permit is a final administrative order made 178. as the result of a proceeding in which by law a hearing is required to be given, evidence is required to be taken, and discretion in the determination of facts is vested in the board. Cal. Civ. Proc. Code § 1094.5(a).
- The writ of administrative mandate is appropriate because the Regional Board abused 179. its discretion by failing to provide fair notice, as required under the Due Process Clause of the U.S. Constitution, for the permit terms in Sections V, G.I.I.1, and VI.C.5.d. See Cal. Civ. Proc. Code § 1094.5(b), "Abuse of discretion is established if the respondent has not proceeded in the manner required by law, the order or decision is not supported by the findings, or the findings are not supported

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by the evidence." Id. at § 1094.5(c).

The Regional Board has not proceeded in the manner required by law because it failed to articulate what is necessary for San Francisco to do, in order to comply with Sections V, G.I.I.1, and VI.C.5.d of the 2019 Permit. The generic WQBELs in Sections V and G.I.I.1 do not provide fair notice of what it means to violate a "water quality standard" and the LTCP Update in Section VI.C.5.d fails to include the precision and guidance regarding what level of control protects beneficial uses that San Francisco is entitled to under the Due Process Clause.

San Francisco asks that this Court issue a peremptory writ of administrative mandate 181. against the Regional Board setting aside Sections V, G.I.I.1, and VI.C.5.d of the 2019 Permit because they are an abuse of discretion. In the alternative, San Francisco asks this Court to remand Sections V, G.I.I.1, and VI.C.5.d to the Regional Board to provide San Francisco with fair notice of its legal obligations under the CWA and the Permit.

SEVENTH CAUSE OF ACTION

Writ of Administrative Mandate Setting Aside or Remanding 2019 Permit Terms for which Regional Board Failed to Respond to Significant Comments

- San Francisco realleges and incorporates by reference the allegations set forth in 182. paragraphs 1 through 181, above.
- 183. The Regional Board's decision on the 2019 Permit, including Sections V, G.I.I.1, VI.C.5.d, and VI.C.5.a.ii.b, is a final administrative order made as the result of a proceeding in which by law a hearing is required to be given, evidence is required to be taken, and discretion in the determination of facts is vested in the board. Cal. Civ. Proc. Code § 1094.5(a).
- The writ of administrative mandate is appropriate because the Regional Board abused 184. its discretion by failing to respond to significant comments made by San Francisco regarding the 2019 Permit, as required 40 C.F.R. section 124.17(a)(2). See Cal. Civ. Proc. Code § 1094.5(b). "Abuse of discretion is established if the respondent has not proceeded in the manner required by law, the order or decision is not supported by the findings, or the findings are not supported by the evidence." Id. at § 1094.5(c).

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The Regional Board has not proceeded in the manner required by law because it 185. approved and issued the 2019 Permit in a manner contrary to the procedural requirements of the Clean Water Act. The Regional Board failed to respond to significant comments concerning legal authority for the LTCP update, the Regional Board's departure from the CSO Policy, and compliance with protection of beneficial uses. Approval of the 2019 Permit, without addressing these significant comments, is contrary to the Clean Water Act and an abuse of discretion by the Regional Board.

San Francisco asks that the Court issue a peremptory writ of administrative mandate 186. against the Regional Board setting aside Sections V and G.I.I.1 (generic WQBELs), VI.C.5.d (LTCP Update Task List), and VI.C.5.a.ii.b (reporting requirements for SOCSS resulting from design capacity exceedances) because inclusion of these terms, without responding to significant comments, is an abuse of discretion. In the alternative, San Francisco asks this Court for a writ of administrative mandate remanding these permit sections to the Regional Board to provide San Francisco with responses, including explanations, to significant comments regarding these terms.

VIII. PRAYER FOR RELIEF.

WHEREFORE, San Francisco prays for judgment against the Regional Board as follows:

- Under the First Cause of Action, declaring that the effective date of the 2019 Permit (Order No. R2-2019-0028) is February 1, 2020 (or such other date as authorized by law), not November 1, 2019; declaring that the 2009 Permit remains in full force and effect, and enjoining the enforcement of the terms and obligations in the 2019 Permit against San Francisco by the Regional Board or the taking of any other action inconsistent with the declaratory judgment of this Court.
- Under the Second Cause of Action, that this Court issue peremptory writ of 2. administrative mandate commanding that the Regional Board not implement a November 1, 2019 effective date for the 2019 Order and commanding that the Regional Board not seek to implement the 2019 Permit in a piecemeal fashion, separate and apart from how it was approved by the Regional Board on September 11, 2019.
- Under the Third Cause of Action, that this Court issue peremptory writ of administrative mandate setting aside Sections V and G.I.I.1 of the 2019 Permit; or in the alternative,

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remanding Section V and G.I.I.1 to the Regional Board to make proper determinations regarding water quality based standards consistent with the Clean Water Act and NPDES permitting regulations.

- Under the Fourth Cause of Action, that this Court issue peremptory writ of administrative mandate setting aside Section VI.C.5(a)(ii)(b) and prohibiting the regulation (including reporting) of SOCSS resulting from design capacity exceedances due to severe storm events; or in the alternative, remanding Section VI.C.5(a)(ii)(b) and the definitions of "Combined Sewer Overflow" and "SOCSS" to the Regional Board to make proper legal determinations that are within the Board's jurisdiction and consistent with the evidence in the record.
- Under the Fifth Cause of Action, that this Court issue peremptory writ of administrative 5. mandate setting aside the LTCP requirements in Section VI.C.5.d; or in the alternative, remanding Section VI.C.5.d to the Regional Board to make proper legal determinations regarding San Francisco's Long Term Control Plan consistent with post-Phase II CSO Control Policies.
- Under the Sixth Cause of Action, that this Court issue peremptory writ of 6. administrative mandate setting aside Sections V, G.I.I.1, and VI.C.5.d of the 2019 Permit; or in the alternative, remanding Sections V, G.I.I.1, and VI.C.5.d to the Regional Board to provide San Francisco with fair notice of its legal obligations under the CWA and the Permit.
- Under the Seventh Cause of Action, that this Court issue a peremptory writ of administrative mandate setting aside Sections V and G.I.I.1, VI.C.5.d, and VI.C.5.a.ii.b because the Regional Board failed to respond to significant comments; or in the alternative, remanding these sections of the permit to provide San Francisco with responses, including explanations, to significant comments regarding these terms.
- 8. Under each Cause of Action, that this Court grant Petitioner and Plaintiff such other, different, or further relief as the Court may deem just and proper.

	1	DATED: December 16, 2019	HUNTON ANDREWS KURTH LLP
Hunton Andrews Kurth LLP 50 California Street, Suite 1700 San Francisco, California 94111	2	ar .	
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	4		J. Tom Boer
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	6		Samuel L. Brown
	7	8	Attorneys for Petitioner and Plaintiff
	8		CITY AND COUNTY OF SAN
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	11	-	ATTORNEY PA
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	14		Estie Kus
	15	2	Attorneys for Petitioner and Plaintiff
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CERTIFICATE OF SERVICE

STATE OF CALIFORNIA, COUNTY OF SAN FRANCISCO

I am employed in the County of San Francisco, State of California. I am over the age of 18 years and not a party to this action. My business address is 50 California Street, Suite 1700, San Francisco, California 94111.

On December 16, 2019, I served the foregoing document(s) described as:

Amended Petition for Administrative Writ

on the interested parties in this action:

Mr. Marc N. Melnick, Mr. Daniel Harris, Deputy Attorney General 1515 Clay Street, 20th Floor PO Box 70550 Oakland, CA 94612 William Jenkins Tiffany Yee Deputy Attorney General 455 Golden Gate Avenue, 11th Floor San Francisco, CA 94102

X	By MAIL: by placing true and correct copy(ies) thereof in an envelope addressed to the attorney(s) of record, addressed as stated above.
	By PERSONAL SERVICE: I delivered the envelope by hand on the addressee, addressed as stated above.
	By OVERNIGHT MAIL: by overnight courier, I arranged for the above-referenced document(s) to be delivered to an authorized overnight courier service for delivery to the addressee(s) above, in an envelope or package designated by the overnight courier service with delivery fees paid or provided for.
X	By ELECTRONIC MAIL: by causing a true and correct copy thereof to be transmitted electronically to the attorney(s) of record at the e-mail address(es) indicated above.
	By CM/ECF: I hereby certify that on the below date, I electronically filed the foregoing with the Clerk of the Court using the CM/ECF system which will send notification of such filing to the e-mail addresses denoted on the Electronic Mail notice list, and I

with the Clerk of the Court using the CM/ECF system which will send notification of such filing to the e-mail addresses denoted on the Electronic Mail notice list, and I hereby certify that I have mailed the foregoing document or paper via the United States Postal Service to the non-CM/ECF participants (if any) indicated on the Manual Notice list.

I declare under penalty of perjury under the laws of the State of California that the above is true and correct.

Executed on December 16, 2019, San Francisco, California.

Luis Morales